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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/614,196	07/08/2003	Takeyuki Suzuki	04208.0181	6357
75	90 07/26/2004		EXAM	INER
Finnegan, Henderson, Farabow,			GILMAN, ALEXANDER	
Garrett & Dunner, L.L.P. 1300 I Street, N.W.			ART UNIT	PAPER NUMBER
Washington, DC 20005-3315			2833	
			DATE MAILED: 07/26/2004	

Please find below and/or attached an Office communication concerning this application or proceeding.

in

	Application No.	Applicant(s)			
	10/614,196	SUZUKI ET AL.			
Office Action Summary	Examiner	Art Unit			
	Alexander D Gilman	2833			
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply					
A SHORTENED STATUTORY PERIOD FOR REPLY THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply - If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	B6(a). In no event, however, may a reply be time within the statutory minimum of thirty (30) days vill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONED	nely filed s will be considered timely. the mailing date of this communication. O (35 U.S.C. § 133).			
Status					
1)⊠ Responsive to communication(s) filed on <u>17 M</u> 2a)⊠ This action is FINAL . 2b)□ This 3)□ Since this application is in condition for allowar closed in accordance with the practice under E	action is non-final. nce except for formal matters, pro				
Disposition of Claims					
 4) Claim(s) 1-14 is/are pending in the application. 4a) Of the above claim(s) is/are withdraw 5) Claim(s) 13 and 14 is/are allowed. 6) Claim(s) 1,2,4-6 and 9-12 is/are rejected. 7) Claim(s) 7,8 is/are objected to. 8) Claim(s) are subject to restriction and/or 	vn from consideration.				
Application Papers					
9) The specification is objected to by the Examine 10) The drawing(s) filed on is/are: a) acce Applicant may not request that any objection to the Replacement drawing sheet(s) including the correct 11) The oath or declaration is objected to by the Ex	epted or b) objected to by the Eddrawing(s) be held in abeyance. See ion is required if the drawing(s) is obj	e 37 CFR 1.85(a). ected to. See 37 CFR 1.121(d).			
Priority under 35 U.S.C. § 119					
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority documents 2. Certified copies of the priority documents 3. Copies of the certified copies of the priori	s have been received. s have been received in Application ity documents have been receive I (PCT Rule 17.2(a)).	on No ed in this National Stage			
Attachment(s)					
Notice of References Cited (PTO-892) A) Interview Summary (PTO-413)					

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DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1, 2, are rejected under 35 U.S.C. 102(e) as being anticipated by Ikea et al.

With regard to claim 1, Ikea et al (US 6,439,897) disclose a socket for a semiconductor device comprising:

a contact sheet (14) having a plurality of bumps (14a) to be electrically connected to a terminal group (2a) of a semiconductor device (2),

a pressing member (30)

an accommodation portion (13) for accommodating the

semiconductor device disposed on said contact sheet,

and a movement-amount controlling member (13b) wherein said movement-amount controlling member is disposed on top of said contact sheet

With regard to claim 2, Ikea et al disclose socket for a semiconductor device comprising:

a contact sheet (14) having a plurality of bumps (14a) to be electrically connected to a terminal group (2a) of a semiconductor device (2),

a pressing member (15)

an accommodation portion (13) for accommodating the semiconductor device disposed on said contact sheet.

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a contact sheet (14) having a plurality of bumps (14a) to be electrically connected to a terminal group (2a) of a semiconductor device (2),

a pressing member (30);

an accommodation portion (13) for accommodating the semiconductor device disposed on said contact sheet,

a contact sheet pressing member (15) wherein the contact sheet pressing member engags the contact sheet;

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claim 4, is rejected under 35 U.S.C. 103(a) as being unpatentable over lkea et al in view of the admitted prior art.

lkea et al disclose all of the limitations except for an elastic sheet having the elasticity being disposed directly beneath said contact sheet.

The admitted prior art (Fig. 22) discloses an elastic sheet (6) having the elasticity being disposed directly beneath said contact sheet (8c).

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to provide an elastic sheet having the elasticity being disposed directly beneath said contact sheet. as taught by the admitted prior art, to enforce a structural integrity of the Ikea et al contact sheet during deforming

Claim 5, 9-12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ikea et al in view of Japanese Patent Application Laid-open No. 11-326379 (1999),

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With regard to claims 5, 9-11 lkea et al disclose most of the limitations as applied to claim 1 except for a sinking-amount adjustment section being disposed on top of said contact sheet.

Japanese Patent Application Laid-open No. 11-326379 (1999) disclose (p. 33, lines 25-28 of the current specification) a sinking-amount adjustment section being disposed on top of said contact sheet.

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to provide a sinking-amount adjustment section, as taught by Japanese Patent Application Laid-open No. 11-326379, to prevent an excessive pressure on the contacts. With regard to claim 12 when modified by Ikea et al Japanese Patent Application Laid-open No. 11-326379 (1999), disclose (Japanese Patent Application Laid-open No. 11-326379 (1999), p. 34 of the curremnt specification)

Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Ikea et al in view of Japanese Patent Application Laid-open No. 11-326379 as applied to claim 5 above, and further in view of the admitted prior art.

Ikea et al when modified by Japanese Patent Application Laid-open No. 11-326379 disclose all of the limitations except for an elastic sheet having the elasticity being disposed directly beneath said contact sheet.

The admitted prior art (Fig. 22) discloses an elastic sheet (6) having the elasticity being disposed directly beneath said contact sheet (8c).

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to provide an elastic sheet having the elasticity being disposed directly beneath said contact sheet., as taught by the admitted prior art, to enforce a structural integrity of the Ikea et al contact sheet during deforming

Allowable Subject Matter

Claims 13, 14 are allowed.

Claims 3, 7 and 8 would be allowable if rewritten to include all of the limitations of the base claim and any intervening claims.

No prior art has been found to anticipate or render obvious the presently claimed subject matter. Specifically, none of the prior art of record discloses the combination of the limitations presented including:

the contact sheet pressing member being formed integral with the pressing member and engaging the contact sheet (claim 3)

the using a plurality of the seats corresponding to a plurality of the bumps to prevent the extensive sinking the contact sheet at a location of the bumps (claims 7, 8, 13, 14).

Response to Arguments

Applicant's arguments with respect to claims 1, 2, 9 have been considered but are moot in view of the new ground(s) of rejection.

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alexander D Gilman whose telephone number is 571 272-2004. The examiner can normally be reached on Monday-Friday, 10:30 a.m. - 8:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula A. Bradley can be reached on 571 272-2800 ext. 33. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

07/19/2004

ALEXANDER GILMAN PRIMARY EXAMINER